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Application No. Not Yet Assigned Information Disclosure Statement filed/August 18, 2003

Matterney Docket No. 149-031460

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

plication No.

10,657,732

Not Yet Assigned

Applicant

Toshio SATO

Filed

July 31, 2003

Title

PROCESS FOR PRODUCING HIGH-

PURITY 2,3-PYRIDINEDICARBOXYLIC

ACID

Group Art Unit

: Not Yet Assigned

Examiner

Not Yet Assigned

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, Applicant hereby submits this Information Disclosure Statement together with a completed Form PTO/SB/08A and one copy of the references listed thereon.

The references identified on Form PTO/SB/08A were cited and discussed on pages 1, 2 and 4 of the specification of the application. The degree of relevance for the references cited on Form PTO/SB/08A is found on pages 1, 2 and 4 of the application.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 18, 2003.

Helen Gerace

(Name of Person Mailing Paper)

Signature

Date

{W0074565.1}

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Pursuant to 37 C.F.R. § 1.97(b)1, no fee is believed to be due for the submission of this Information Disclosure Statement, as it is being submitted within three months of the filing date. Nevertheless, the Assistant Commissioner for Patents is hereby authorized to charge any fees which may be required to Deposit Account No. 23-0650. One (1) original and two (2) copies of this Information Disclosure Statement are enclosed.

Respectfully submitted,

WEBB ZIESENHEIM LOGSDON ORKIN & HANSON, P.C.

By

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10,657, 73d

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PTO/SB/08A (08-00) Approved for use through 10/31/2001. OMB 0651-0031

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Substitute for form	n 1449A/PTO					
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known		
				Application Number	Not Yet Assigned.	
				Filing Date	July 31, 2003	
				First Named Inventor	Toshio Sato	
				Group Art Unit	Not Yet Assigned	
				Examiner Name	Not Yet Assigned	
Sheet	1	of	2	Attorney Docket Number	149-031460	

U.S. PATENT DOCUMENTS						
	Cite	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of	Pages, Columns, Lines, Where Relevant
	No.1	Number	Kind Code ²	or ched bocament	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear
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			OREIGN	PATENT DOC	JMENTS		
Examiner Initials	Cite No. ¹	Foreign Patent Doce Office ³ Number ⁴	iment Kind Code ⁵	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т6
		03-271275		DIASO CO LTD	03-12-1991		
		61-212563		YAMAMOTO KAGUKU GOSEI KK	20-09-1986		
		02-083370		DIASO CO LTD	23-03-1990		
		03-101661		YAMAMOTO CHEM INC	26-04-1991		
_		03-157371		DAISO CO LTD	05-07-1991	•	
		49-55673			1974		
		58-105964			1983		
		62-209063			1987		
· · · · · ·	1	62-18551			1987	<u> </u>	
		03-287576		DAISO CO LTD	18-12-1991		
		60-54305		YAMAMOTO KAGUKU GOSEI KK	16-03-1981		
Examiner Signature					Date Considered		

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Substitute for form 1449A/PTO Complete if Known INFORMATION DISCLOSURE Application Number Not Yet Assigned. July 31, 2003 STATEMENT BY APPLICANT Filing Date First Named Inventor Toshio Sato Group Art Unit Not Yet Assigned (use as many sheets as necessary) **Examiner Name** Not Yet Assigned Attorney Docket Number 149-031460 2 2 Sheet

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue	T ²
Initials*	No. ¹	number(s), publisher, cite and/or country where published. C. O'MURCHU, OZONOLYSIS OF QUINOLINES: A VERSATILE SYNTHESIS OF POLYFUNCTIONAL PYRIDINES, SYNTHESIS, 11, 3 JULY 1989, PAGES 880-882	
		WALTER STIX UND S.A. BULGATSCH: EINE NEUE DARSTELLUNGS-ART DER CHINOLINSÄURE, CHEM. BER. 65 11 (1932)	
		MITTHEILUNG AUS DEM CHEM. LABORAT. DER AKADEMIE DER WISSENSCH, IN MÜNCHEN, W. KOENIGS: OXYDATION DES CINCHONICHINOLINS MITTELST KALIUMPERMANGANAT, CHEM. BER. <u>12</u> , 983 (1879)	

Examiner	Date	
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